



Carlos Ybarra

Maritime Assistant / Marine Technician

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TDI-Brooks International, Inc.

14391 S. Dowling Rd, College Station, TX 77845

Ph: (979) 693-3446 Fax: (979) 693-6389

www.tdi-bi.com

PROFESSIONAL EXPERIENCE

- Maritime Assistant / Marine Technician, TDI-Brooks International, Inc., 2022 - Present
- Quality Inspector, Performance Aircraft Services, 2021 – 2022
- Fuel Cell Mechanic, Performance Aircraft Services, 2020 – 2022
- Quality Inspector, Centex Aerospace, 2018 - 2019
- Relief Assistant Engineer, Marine Spill Response Corporation, 2017 – 2019
- Field Service Technician, Rolls-Royce Marine North America, 2015 – 2016
- Engineering Cadet, G&H Towing Company, 2013
- Engineering Cadet, American Steam Ship Company, 2012 – 2013
- Engineering Cadet, Helix ESG, 2012

KEY ACHIEVEMENTS - TDI BROOKS INTERNATIONAL, INC.

- New Hire - TBD

KEY ACHIEVEMENTS – PERFORMANCE AIRCRAFT SERVICES

Quality Inspector

- Support Foreign Object Debris (FOD) prevention program
- Inspection of plumbing and hardware installed in accordance with (IAW) Aircraft maintenance Manual (AMM)
- Inspection of integral and external sealing and de-sealing of tanks IAW AMM
- Insuring proper paperwork, manuals and ppe were used by tech and support personnel.
- Responsible for presenting product to and liaising with DCMA and L3 inspection department.

Fuel Cell Mechanic

- Removal and installation of hardware of fuel systems in preparation for tank mediation
- Sealing and de-sealing internal and external areas of wing tanks to facilitate leak free tanks
- Fuel pressure checks and leak mapping
- Prepared military aircraft fuel systems (wing tank and bladders) for rework at FAA rework facilities

KEY ACHIEVEMENTS – CENTEX AEROSPACE

- Inspection of hardware used in saddle/fuel tank assemblies.
- Inspection of fuel tank components and assemblies manufactured in house.
- Inspection of control cables and wire assemblies manufactured in house.

KEY ACHIEVEMENTS – MARINE SPILL RESPONSE CORPORATION

- Led daily inspection of powerplant machinery, paramount for operational readiness.
- Conducted preventative maintenance on Fuel, Lube, Hydraulic, Emergency, Engine, HVAC systems as outlined in maintenance system to comply with operational readiness.
- Performed various collateral duties assigned by the Chief Engineer.
- Operated Hydraulic Power Unit to deploy or retrieve the oil spill response vessel, oil booms and equipment.

KEY ACHIEVEMENTS – ROLLS ROYCE

- Spearheaded routine inspection of shop equipment including: over-head cranes, fork/aerial lift.
- Overhauled and repaired TCNP/TCNS swing down thrusters as necessary for continued use as shipboard propulsion



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- Performed quarterly inspections UUC/UUS type thrusters to account for preventative maintenance and inventory of thrusters in yard space.

KEY ACHIEVEMENTS – G&H TOWING COMPANY

- Started and secured main engines.
- Performed mooring operations for incoming and outgoing ships.

KEY ACHIEVEMENTS – AMERICAN STEAM SHIP COMPANY, M/V BURNS HARBOR

- Assisted engineers with plant operations
- Performed watches of machinery systems
- Maintained machinery in working status

KEY ACHIEVEMENTS – HELIX ESG, PRODUCER 1

- Collaborated with engine room team during plant operations
- Assisted engine room team in machinery repair

FORMAL EDUCATION

- Texas A&M Galveston, Minor Maritime Administration
- Texas State Technical College, BS Marine Engineering Technology

PROFESSIONAL TRAINING AND CERTIFICATIONS

- USGC Vessel Personnel with Designated Security Duties
- PEC Training for Offshore Field Employees
- Basic Sea Survival, Helicopter Safety & Egress Course
- SafeGulf Orientation
- SafeLand Orientation
- First Aid & CPR Medical Training
- Basic and Advanced Marine Firefighting Training
- AAS Airframe Maintenance, AAS Power Plant Maintenance
- USCG Third Assistant Engineer Unlimited Motors License
- ESCO Institute EPA Certified Universal Technician
- Boy Scouts of America Eagle Scout